PLAINS
ALL AMERICAN
PIPELINE, L.P.

CLOSURE DOCUMENTATION

Lea-Hendricks 10"
Ref. # 2005-00150
(Company #231735)

UL-E (SW¼ of the NW¼) of Section 9, R37E, T23S
Latitude 32° 19' 17.416"N and Longitude 103° 10' 33.311"W
Elevation ~3,320'amsl

9 miles south of Eunice, Lea County, New Mexico

January 2006

Prepared by

Environmental Plus, Inc.
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RP#1322

Facility - nPAC0713425997
Incident - nPAC0713426112
application - pPAC0713426248

2324252621

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STANDARD OF CARE

SITE CHARACTERIZATION REPORT AND REMEDIATION PROPOSAL

Lea-Hendricks 10" Ref. # 2005-00150
(Company #231735)

The information provided in this report was collected consistent with the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993), the NMOCD Unlined Surface Impoundment Closure Guidelines (February 1993), and the Environmental Plus, Inc. (EPI) Standard Operating Procedures and Quality Assurance/Quality Control Plan. The conclusions are based on field observations and laboratory analytical reports as presented in the report. Recommendations follow NMOCD guidance and represent the professional opinions of EPI staff. These opinions were arrived at with currently accepted geologic, hydrogeologic and engineering practices at this time and location. The report was prepared or reviewed by a certified or registered EPI professional with a background in engineering, environmental, and/or the natural sciences.

This report was prepared by:

Patrick W. McCasland — 7 February 2006
Date

This report was reviewed by:

Iain Olness, PG
Hydrogeologist — 7 February 2006
Date

Table of Contents

1.0 SUMMARY

This site is located in UL-E (SW¼ of the NW¼) of Section 9, Range 37 East, Township 23 South at a latitude of 32°19'17.416"N and a longitude of 103°10'33.311"W, approximately 9 miles south of Eunice, Lea County, New Mexico on property owned by Imogene Salzman (reference *Figure 1*). The estimated 4 barrel (bbl) crude oil release was attributed to external corrosion in a weld. During initial response mitigation activities, approximately 2 bbls of crude oil were recovered and reintroduced to the pipeline system, a temporary line repair clamp installed and impacted soil to a depth of approximately 6-feet below ground surface (bgs) was excavated and stockpiled on a plastic barrier positioned within the pipeline right-of-way. The initial release (Plains ref. #2005-00150) occurred on June 24, 2005 and affected approximately 225 sqft (15' x 15') of the land surface. A second release (Plains ref. #2005-00158) occurred on July 7, 2005 during line replacement activities and over sprayed a 10-foot by 20-foot area east of the excavation with minor pooling in the excavation floor. The release was estimated to consist of approximately 3 bbls of crude oil with none recovered. These saturated soils were immediately excavated and stockpiled with the previously excavated impacted soils. Even though the second release was <5 bbls and not considered to be reportable, as a point of information, Plains verbally notified the NMOCD of the second release and that it would be remediated at the same time and in the same manner as the soils from the initial release. Utilizing groundwater level information from the New Mexico Office of the State Engineer and the USGS, the estimated depth to groundwater is approximately 92-feet below ground surface (reference *Table 1*). There are no water wells or surface water bodies located within a 1,000-foot radius of the site. The attached site information and metrics form summarizes the site information and ranks the site in accordance with the NMOCD Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993) (reference *Appendix B*).

The NMOCD constituents of concern (CoCs) and respective remedial goals at this site are as follows:

- Total petroleum hydrocarbon (TPH^{8015m}) = 1,000 mg/Kg,
- Benzene = 10 mg/Kg, and
- BTEX, (i.e., the mass sum of benzene, toluene, ethylbenzene, and total xylenes) = 50 mg/Kg.

The contaminated soil is not exempted from RCRA 40 CFR Part 261.

A total of 470 cubic yards (yd^3) of impacted soil was disposed of in the Plains Pipeline, L.P. Lea Station Landfarm and, after receipt of acceptable analytical results and NMOCD consensus, the excavation was backfilled with a similar volume of clean soil obtained from the landowner. At the request of the landowner, an additional 48-yd^3 of topsoil was spread over the disturbed area to promote revegetation. The landowner will also be responsible for reseeding the site at a time in the future. An estimated 5-yd^3 of visibly impacted soil around the power pole located on the south side of the excavation could not be safely

excavated and, with NMOCD approval, was left in place. Given the site has been remediated to below the NMOCD remedial guidelines and the surface restored, it is requested that the NMOCD require "no further remedial action" at this site and a site closure letter issued.

2.0 ENVIRONMENTAL MEDIA CHARACTERIZATION

Chemical parameters of the soil and groundwater were characterized consistent with the characterization and remediation/abatement goals and objectives set forth in the NMOCD approved "**General Work Plan for Remediation of E.O.T.T. Pipeline Spills, Leaks and Releases in New Mexico, July 2000**" and the NMOCD guidelines published in the following documents:

- Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993); and
- Unlined Surface Impoundment Closure Guidelines (February 1993).

Acceptable thresholds for **contaminants/constituents of concern** (CoCs), (i.e., TPH, benzene, and BTEX, were determined based on the NMOCD Ranking Criteria as follows:

- Depth to Groundwater (i.e., distance from the lower most acceptable concentration to the groundwater);
- Wellhead Protection Area (i.e., distance from fresh water supply wells); and
- Distance to Surface Water Body (i.e., horizontal distance to all down gradient surface water bodies).

2.1 GEOLOGICAL DESCRIPTION

The United States Geological Survey (USGS) Groundwater Report #6 – *Geology and Groundwater Conditions in Southern Lea County, New Mexico* (Nicholson, Jr. and Clebsch, 1961), describes the near surface geology of southern Lea County as an intergrade of the Quaternary Alluvium (QA) sediments (i.e., fine to medium sand), with the mostly eroded Cenozoic Ogallala (CO) formation. Typically, the QA and CO formations in the area are capped by a thick interbed of caliche.

2.2 ECOLOGICAL DESCRIPTION

The area is an intergrade of the Upper Chihuahuan Desert and the Short Grass Prairie Eco-Regions consisting primarily of hummocky sand hills covered with Harvard Shin Oak (*Querqus harvardi*) interspersed with Honey Mesquite (*Prosopis glandulosa*) along with typical desert grasses and weeds. Mammals represented, include Orrd's and Merriam's Kangaroo Rat, Deer Mouse, White Throated Wood Rat, Cottontail Rabbit, Black Tailed Jackrabbit, and the Mule Deer. Reptiles, amphibians, and birds are numerous and typical of area. A survey of listed, threatened, or endangered species was not conducted.

2.3 AREA GROUNDWATER

Utilizing groundwater level information from the New Mexico Office of the State Engineer and the USGS the estimated depth to groundwater is approximately 92-

feet bgs (reference *Table 1*). According to the USGS Groundwater Report #6, the groundwater gradient in the area of the release is generally to the southeast.

2.4 AREA WATER WELLS

Based on available records, there are no water supply wells located within a 1,000-foot radius of the release site. Available information indicates the nearest well to the site is located approximately 1.1 miles south-southeast (down-gradient) of the release site.

2.5 AREA SURFACE WATER BODIES

There are no surface water bodies located within a 1,000-foot radius of the release site.

3.0 NMOCD SITE RANKING

Based on the proximity of the site to protectable area water wells, surface water bodies and depth to groundwater, the site has an NMOCD ranking score of 10 points with the soil remedial goals highlighted below in the Site Ranking Matrix.

1. Groundwater	2. Wellhead Protection Area	3. Distance to Surface Water Body
If Depth to GW <50 feet: *20 points*	If <1000' from water source, or;<200' from private domestic water source: *20 points*	<200 horizontal feet: *20 points*
If Depth to GW 50 to 99 feet: *10 points*		200-100 horizontal feet: *10 points*
If Depth to GW >100 feet: *0 points*	If >1000' from water source, or; >200' from private domestic water source: *0 points*	>1000 horizontal feet: *0 points*
Site Rank (1+2+3) = 10 + 0 + 0 = 0 points		

Total Site Ranking Score and Acceptable Remedial Goal Concentrations			
Parameter	**>19 (42 to 92'bgs)**	**10-19 (surface to 42'bgs)**	0-9
Benzene[1]	**10 ppm**	**10 ppm**	10 ppm
BTEX[1]	**50 ppm**	**50 ppm**	50 ppm
TPH	**100 ppm**	**1,000 ppm**	5,000 ppm

4.0 SUBSURFACE SOIL INVESTIGATION

After visibly impacted and odorous soil was excavated, composite samples were collected from the sidewalls and discrete grab samples collected from floor of the excavation at 15-feet bgs and at 18-feet bgs, 3-feet below the floor of the excavation (reference *Figure 3*). The samples were submitted to the laboratory for quantification of the CoCs (reference *Appendix A*).

4.1 TPH^{8015M} DELINEATION

Analytical results for the sidewall samples indicated TPH^{8015m} was not detected at or above the method detection limit (MDL). Analytical results for the excavation floor sample from 15-feet bgs (PLH1071405BH-15) had a reported value of 34.6 mg/Kg and the sample collected from 18-feet bgs (PLH1071405BH-18) was not detected above the MDL, below the 1,000 mg/Kg TPH^{8015m} remedial goal.

4.2 BENZENE DELINEATION

Analytical results for all samples indicated benzene was not detected at or above the MDL and was well below the 10 mg/Kg benzene remedial goal.

4.3 BTEX DELINEATION

Analytical results for all samples indicated BTEX compounds were not detected at or above the respective MDLs.

5.0 GROUNDWATER INVESTIGATION

The information collected during the subsurface soil investigation support the conclusion that local groundwater has not been impacted above the New Mexico Water Quality Control Commission (WQCC) standards; therefore, a groundwater investigation was not warranted.

6.0 REMEDIATION AND RESTORATION

The remediation strategy was to excavate and dispose of soils impacted above the CoCs in the Plains Pipeline, L.P. Lea Station Landfarm. A total of 470 cubic yards (yd^3) of impacted soil were disposed of and, after receipt of acceptable analytical results and NMOCD consensus, the excavation was backfilled with a similar volume of clean soil obtained from the landowner. At the request of the landowner, an additional 48-yd^3 of topsoil were spread over the disturbed area to promote revegetation. The landowner also agreed to be responsible for reseeding the site at a time in the future. An estimated 5-yd^3 of visibly impacted soil around the power pole located on the south side of the excavation could not be safely excavated and, with NMOCD approval, was left in place. This remaining impacted soil forms a semi-circle around the north side of the power pole out to approximately 4-feet, extends vertically approximately 8-feet bgs and is not considered to be an environmental risk.

7.0 CONCLUSION

Given soils impacted above the NMOCD CoC remedial goals have been disposed of off-site, the excavation backfilled and the surface contoured, it is requested that the NMOCD require "no further remedial action" be required at the site and a site closure letter be issued to Plains.

FIGURES

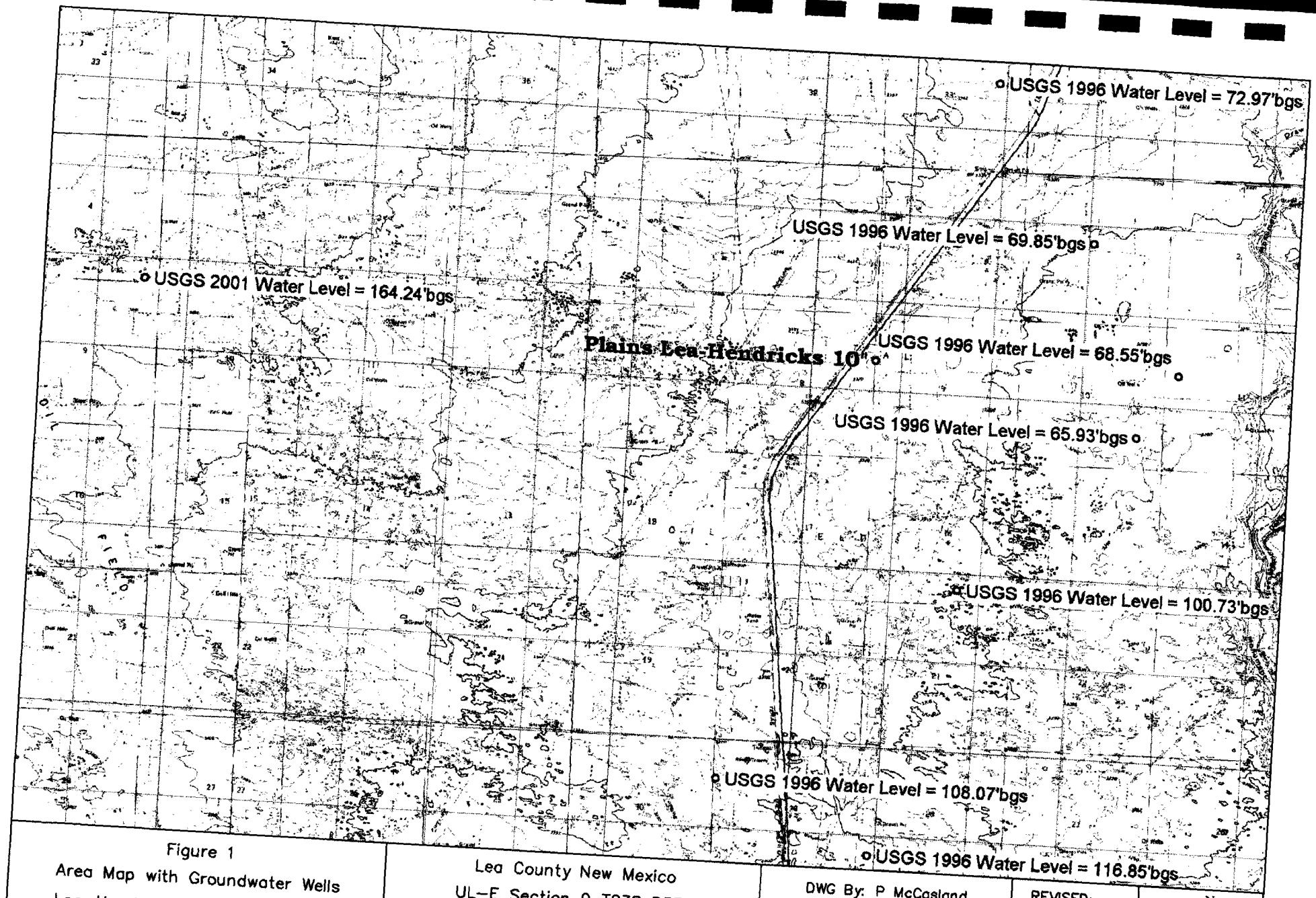

Figure 1
Area Map with Groundwater Wells
Lea-Hendricks 10" #2005-00150
Plains Pipeline L.P.

Lea County New Mexico
UL-E Section 9 T23S R37E
32°19'17.41"N 103°10'33.31"W
Elevation ~3,320 feet-amsl

DWG By: P McCasland
Dec 2005

REVISED:

0 1.0 2.0
Miles

SHEET
1 of 1

N

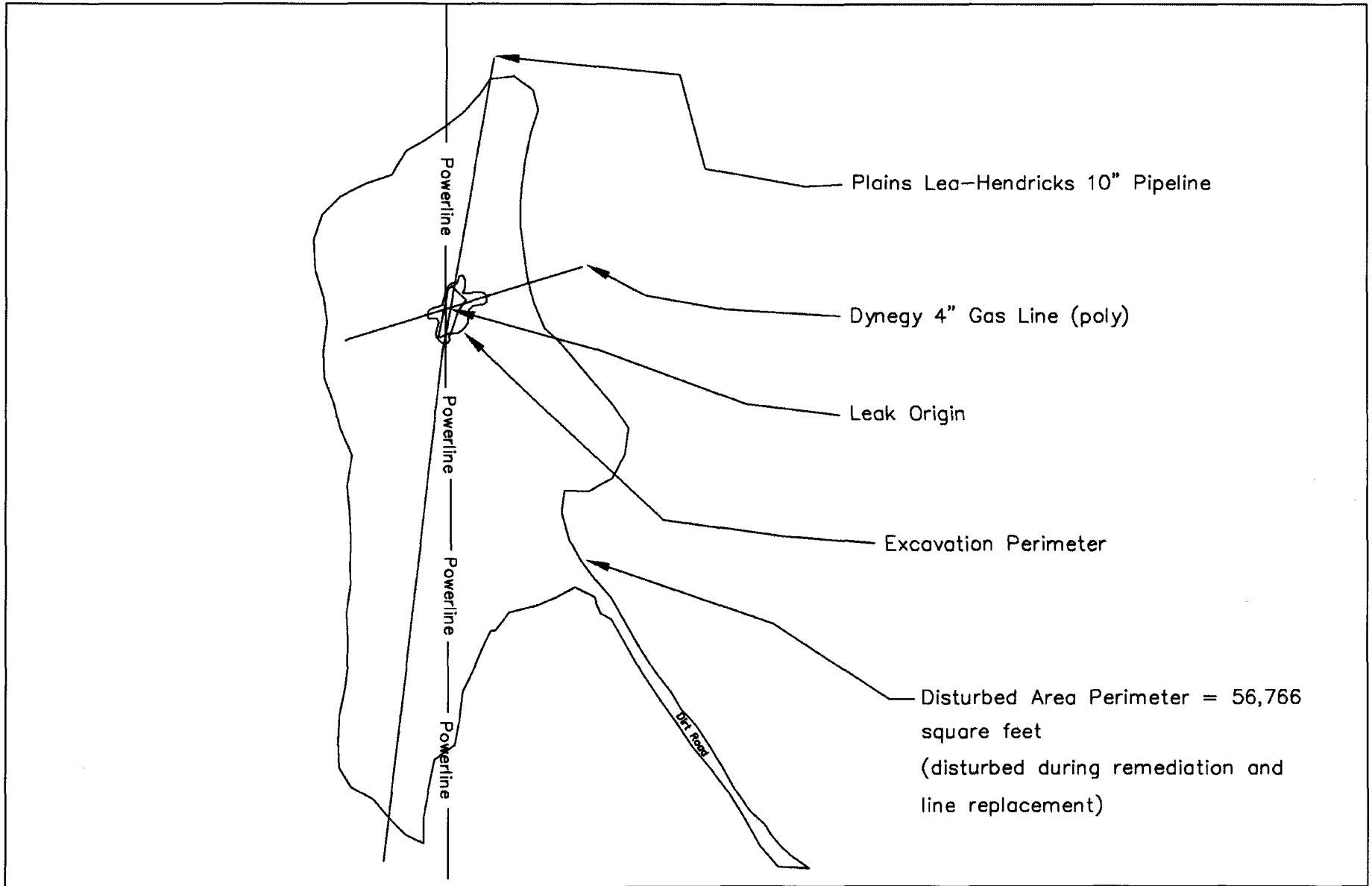

Figure 2 Site Map Lea–Hendricks 10" #2005–00150 Plains Pipeline L.P.	Lea County New Mexico UL–E Section 9 T23S R37E 32°19'17.41"N 103°10'33.31"W Elevation ~3,320 feet–amsl	DWG By: P McCasland Dec 2005 0 87.5 175 Feet	REVISED: SHEET 1 of 1

N

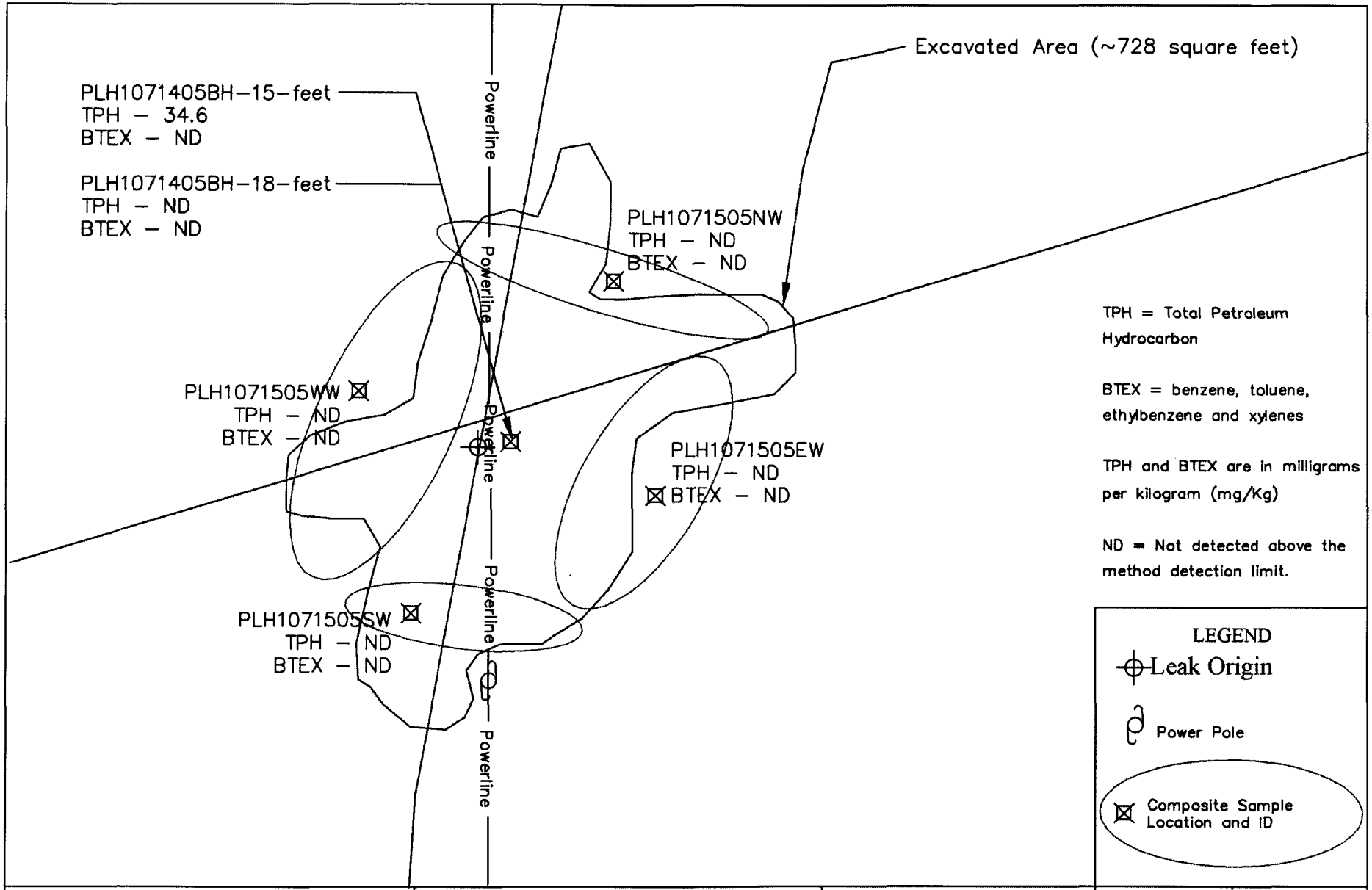

Figure 3 July 14/15, 2005 Sample Location Map Lea-Hendricks 10" #2005-00150 Plains Pipeline L.P.	Lea County New Mexico UL-E Section 9 T23S R37E 32°19'17.41"N 103°10'33.31"W Elevation ~3,320 feet-amsl	DWG By: P McCasland Dec 2005	REVISED:	N
		0 10 20 Feet	SHEET 1 of 1	

TABLES

TABLE 1

Summary of Area Groundwater Levels and Site Water Level Estimate

Plains Pipeline, L.P.

Lea-Hendricks 10" #2005-00150

USGS ID#	Latitude	Longitude	Tnshp.Rng.Sec.qtrs	Measurement Date	Groundwater Level feet-bgs	Surface Elevation feet-amsl	Calculated Groundwater Elevation feet-amsl	Distance and Direction from Site
321936103154601	32° 19' 36.0"N	103° 15' 46.0"W	23S.36E.04.42431	2/21/2001	164.24	3,580	3,415.76	5.0 miles W
322003103090301	32° 20' 03.0"N	103° 09' 03 0"W	23S.37E.03.124441	2/21/1996	69.85	3,298	3,228.15	2.0 miles NE
321853103084201	32° 18' 53.0"N	103° 08' 42.0"W	23S.37E.10.42123	2/21/1996	65.93	3,293	3,227.07	2.0 miles ESE
321916103082501	32° 19' 16.0"N	103° 08' 25.0"W	23S.37E.11.111411	2/21/1996	68.55	3,295	3,226.45	2.2 miles E
321755103095501	32° 17' 55.0"N	103° 09' 55.0"W	23S.37E.16.41411	2/21/1996	100.73	3,305	3,204.27	1.9 SSE

Surface elevations were interpolated from the USGS Topographical map.

The estimated groundwater elevation at the site is the average of the three wells in T23S R37E nearest the site

TABLE 2

Summary of Excavation Analytical Results

Plains Pipeline, L.P.

Lea-Hendricks 10" #2005-00150

Sample Description	Sample ID	Date	Depth (feet)	PID Analysis (ppm)	Soil Status	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	BTEX (mg/Kg)	GRO (mg/Kg)	DRO (mg/Kg)	TPH (mg/Kg)
Excavation Bottom	PLH1071405BH-15	14-Jul-05	15	NA	In Situ	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	34.6	34.6
	PLH1071405BH-18	14-Jul-05	18	NA	In Situ	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
North Sidewall Composite	PLH1071405BH-18	14-Jul-05	4 to 15	NA	In Situ	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
South Sidewall Composite	PLH1071405BH-18	14-Jul-05	9 to15	NA	In Situ	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
West Sidewall Composite	PLH1071405BH-18	14-Jul-05	4 to 15	NA	In Situ	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
East Sidewall Composite	PLH1071405BH-18	14-Jul-05	4 to 15	NA	In Situ	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
NMOCD Remedial Thresholds						10				50			1,000

ppm = parts per million, which is equivalent to milligrams per kilogram

mg/Kg = miiligrams per kilogram, which is equivalent to parts per million

TPH = Total Petroleum Hydrocarbon

NA = Not Analyzed

Results in **Bold** are above the remedial action levels as set by the NMOCD.

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

BTEX = Mass sum of benzene, toluene, ethylbenzene and total xylenes

PID = Photoionization Detector

APPENDICES

APPENDIX A - ANALYTICAL REPORT AND CHAIN OF CUSTODY FORM

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Daniel Bryant

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Lea-Hendricks 10"

Project Number: 2005-00150

Location: UL-E Section 9 T23S R37E- Lea Co. NM

Lab Order Number: 5G15015

Report Date: 07/21/05

Plains All American EH & S	Project: Lea-Hendricks 10"	Fax: (432) 687-4914
1301 S. County Road 1150	Project Number: 2005-00150	**Reported:**
Midland TX, 79706-4476	Project Manager: Daniel Bryant	07/21/05 10:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PLH1071405BH-15	5G15015-01	Soil	07/14/05 12:45	07/15/05 14:40
PLH1071405BH-18	5G15015-02	Soil	07/14/05 13:40	07/15/05 14:40
PLH1071505NW- Comp	5G15015-03	Soil	07/15/05 08:20	07/15/05 14:40
PLH1071505SW- Comp	5G15015-04	Soil	07/15/05 08:30	07/15/05 14:40
PLH1071505WW- Comp	5G15015-05	Soil	07/15/05 08:15	07/15/05 14:40
PLH1071505EW- Comp	5G15015-06	Soil	07/15/05 08:25	07/15/05 14:40

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Plains All American EH & S	Project: Lea-Hendricks 10"	Fax: (432) 687-4914
1301 S. County Road 1150	Project Number: 2005-00150	**Reported:**
Midland TX, 79706-4476	Project Manager: Daniel Bryant	07/21/05 10:07

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PLH1071405BH-15 (5G15015-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EG51903	07/18/05	07/19/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*82.2 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG51517	07/15/05	07/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	**34.6**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**34.6**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*89.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*104 %*	*70-130*		"	"	"	"	
PLH1071405BH-18 (5G15015-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EG51903	07/18/05	07/19/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*91.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.6 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG51518	07/15/05	07/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*78.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*70.8 %*	*70-130*		"	"	"	"	
PLH1071505NW- Comp (5G15015-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EG51903	07/18/05	07/19/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*97.9 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG51518	07/15/05	07/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	

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Plains All American EH & S	Project: Lea-Hendricks 10"	Fax: (432) 687-4914
1301 S. County Road 1150	Project Number: 2005-00150	**Reported:**
Midland TX, 79706-4476	Project Manager: Daniel Bryant	07/21/05 10:07

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PLH1071505NW- Comp (5G15015-03) Soil									
Surrogate: 1-Chlorooctane		*76.4 %*	*70-130*		*EG51518*	*07/15/05*	*07/19/05*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*71.4 %*	*70-130*		"	"	"	"	
PLH1071505SW- Comp (5G15015-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EG51903	07/18/05	07/19/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*88.8 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.7 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG51518	07/15/05	07/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*111 %*	*70-130*		"	"	"	"	
PLH1071505WW- Comp (5G15015-05) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EG51903	07/18/05	07/19/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*82.9 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG51518	07/15/05	07/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*87.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*79.0 %*	*70-130*		"	"	"	"	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Plains All American EH & S	Project: Lea-Hendricks 10"	Fax: (432) 687-4914
1301 S. County Road 1150	Project Number: 2005-00150	**Reported:**
Midland TX, 79706-4476	Project Manager: Daniel Bryant	07/21/05 10:07

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PLH1071505EW- Comp (5G15015-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EG51903	07/18/05	07/19/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*81.7 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.9 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EG51518	07/15/05	07/19/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*79.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*82.4 %*	*70-130*		"	"	"	"	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Plains All American EH & S	Project: Lea-Hendricks 10"	Fax: (432) 687-4914
1301 S. County Road 1150	Project Number: 2005-00150	**Reported:**
Midland TX, 79706-4476	Project Manager: Daniel Bryant	07/21/05 10:07

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PLH1071405BH-15 (5G15015-01) Soil									
% Moisture	**4.6**	0.1	%	1	EG51807	07/15/05	07/18/05	% calculation	
PLH1071405BH-18 (5G15015-02) Soil									
% Moisture	**4.0**	0.1	%	1	EG51807	07/15/05	07/18/05	% calculation	
PLH1071505NW- Comp (5G15015-03) Soil									
% Moisture	**2.6**	0.1	%	1	EG51807	07/15/05	07/18/05	% calculation	
PLH1071505SW- Comp (5G15015-04) Soil									
% Moisture	**2.7**	0.1	%	1	EG51807	07/15/05	07/18/05	% calculation	
PLH1071505WW- Comp (5G15015-05) Soil									
% Moisture	**3.8**	0.1	%	1	EG51807	07/15/05	07/18/05	% calculation	
PLH1071505EW- Comp (5G15015-06) Soil									
% Moisture	**3.4**	0.1	%	1	EG51807	07/15/05	07/18/05	% calculation	

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Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG51517 - Solvent Extraction (GC)										
Blank (EG51517-BLK1)				Prepared: 07/15/05 Analyzed: 07/19/05						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*40.5*		*mg/kg*	*50.0*		*81.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.2*		*"*	*50.0*		*72.4*	*70-130*			
LCS (EG51517-BS1)				Prepared: 07/15/05 Analyzed: 07/19/05						
Gasoline Range Organics C6-C12	428	10.0	mg/kg wet	500		85.6	75-125			
Diesel Range Organics >C12-C35	441	10.0	"	500		88.2	75-125			
Total Hydrocarbon C6-C35	869	10.0	"	1000		86.9	75-125			
Surrogate: 1-Chlorooctane	*44.2*		*mg/kg*	*50.0*		*88.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.8*		*"*	*50.0*		*71.6*	*70-130*			
Calibration Check (EG51517-CCV1)				Prepared: 07/15/05 Analyzed: 07/19/05						
Gasoline Range Organics C6-C12	438		mg/kg	500		87.6	80-120			
Diesel Range Organics >C12-C35	446		"	500		89.2	80-120			
Total Hydrocarbon C6-C35	884		"	1000		88.4	80-120			
Surrogate: 1-Chlorooctane	*43.9*		*"*	*50.0*		*87.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.6*		*"*	*50.0*		*73.2*	*70-130*			
Matrix Spike (EG51517-MS1)	**Source: 5G15011-14**			Prepared: 07/15/05 Analyzed: 07/19/05						
Gasoline Range Organics C6-C12	425	10.0	mg/kg dry	525	ND	81.0	75-125			
Diesel Range Organics >C12-C35	570	10.0	"	525	151	79.8	75-125			
Total Hydrocarbon C6-C35	995	10.0	"	1050	151	80.4	75-125			
Surrogate: 1-Chlorooctane	*52.2*		*mg/kg*	*50.0*		*104*	*70-130*			
Surrogate: 1-Chlorooctadecane	*54.9*		*"*	*50.0*		*110*	*70-130*			
Matrix Spike Dup (EG51517-MSD1)	**Source: 5G15011-14**			Prepared: 07/15/05 Analyzed: 07/19/05						
Gasoline Range Organics C6-C12	426	10.0	mg/kg dry	525	ND	81.1	75-125	0.235	20	
Diesel Range Organics >C12-C35	575	10.0	"	525	151	80.8	75-125	0.873	20	
Total Hydrocarbon C6-C35	1000	10.0	"	1050	151	80.9	75-125	0.501	20	
Surrogate: 1-Chlorooctane	*59.7*		*mg/kg*	*50.0*		*119*	*70-130*			
Surrogate: 1-Chlorooctadecane	*55.8*		*"*	*50.0*		*112*	*70-130*			

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG51518 - Solvent Extraction (GC)										
Blank (EG51518-BLK1)				Prepared: 07/15/05 Analyzed: 07/19/05						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*42.8*		*mg/kg*	*50.0*		*85.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.2*		"	*50.0*		*72.4*	*70-130*			
LCS (EG51518-BS1)				Prepared: 07/15/05 Analyzed: 07/19/05						
Gasoline Range Organics C6-C12	436	10.0	mg/kg wet	500		87.2	75-125			
Diesel Range Organics >C12-C35	447	10.0	"	500		89.4	75-125			
Total Hydrocarbon C6-C35	883	10.0	"	1000		88.3	75-125			
Surrogate: 1-Chlorooctane	*44.0*		*mg/kg*	*50.0*		*88.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*35.6*		"	*50.0*		*71.2*	*70-130*			
Calibration Check (EG51518-CCV1)				Prepared: 07/15/05 Analyzed: 07/19/05						
Gasoline Range Organics C6-C12	457		mg/kg	500		91.4	80-120			
Diesel Range Organics >C12-C35	440		"	500		88.0	80-120			
Total Hydrocarbon C6-C35	897		"	1000		89.7	80-120			
Surrogate: 1-Chlorooctane	*43.4*		"	*50.0*		*86.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*36.0*		"	*50.0*		*72.0*	*70-130*			
Matrix Spike (EG51518-MS1)	**Source: 5G15015-02**			Prepared: 07/15/05 Analyzed: 07/19/05						
Gasoline Range Organics C6-C12	550	10.0	mg/kg dry	521	ND	106	75-125			
Diesel Range Organics >C12-C35	649	10.0	"	521	ND	125	75-125			
Total Hydrocarbon C6-C35	1200	10.0	"	1040	ND	115	75-125			
Surrogate: 1-Chlorooctane	*39.9*		*mg/kg*	*50.0*		*79.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*41.9*		"	*50.0*		*83.8*	*70-130*			
Matrix Spike Dup (EG51518-MSD1)	**Source: 5G15015-02**			Prepared: 07/15/05 Analyzed: 07/19/05						
Gasoline Range Organics C6-C12	535	10.0	mg/kg dry	521	ND	103	75-125	2.76	20	
Diesel Range Organics >C12-C35	636	10.0	"	521	ND	122	75-125	2.02	20	
Total Hydrocarbon C6-C35	1170	10.0	"	1040	ND	112	75-125	2.53	20	
Surrogate: 1-Chlorooctane	*40.7*		*mg/kg*	*50.0*		*81.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.1*		"	*50.0*		*84.2*	*70-130*			

Plains All American EH & S	Project: Lea-Hendricks 10"	Fax: (432) 687-4914
1301 S. County Road 1150	Project Number: 2005-00150	**Reported:**
Midland TX, 79706-4476	Project Manager: Daniel Bryant	07/21/05 10:07

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG51903 - EPA 5030C (GC)										
Blank (EG51903-BLK1)				Prepared: 07/18/05 Analyzed: 07/19/05						
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*83.5*		*ug/kg*	*100*		*83.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*83.2*		"	*100*		*83.2*	*80-120*			
LCS (EG51903-BS1)				Prepared: 07/18/05 Analyzed: 07/19/05						
Benzene	84.0		ug/kg	100		84.0	80-120			
Toluene	88.9		"	100		88.9	80-120			
Ethylbenzene	97.4		"	100		97.4	80-120			
Xylene (p/m)	191		"	200		95.5	80-120			
Xylene (o)	99.9		"	100		99.9	80-120			
Surrogate: a,a,a-Trifluorotoluene	*82.9*		"	*100*		*82.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*98.1*		"	*100*		*98.1*	*80-120*			
Calibration Check (EG51903-CCV1)				Prepared: 07/18/05 Analyzed: 07/19/05						
Benzene	90.2		ug/kg	100		90.2	80-120			
Toluene	96.3		"	100		96.3	80-120			
Ethylbenzene	102		"	100		102	80-120			
Xylene (p/m)	198		"	200		99.0	80-120			
Xylene (o)	97.3		"	100		97.3	80-120			
Surrogate: a,a,a-Trifluorotoluene	*91.0*		"	*100*		*91.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*99.6*		"	*100*		*99.6*	*80-120*			
Matrix Spike (EG51903-MS1)	**Source: 5G15015-06**			Prepared: 07/18/05 Analyzed: 07/19/05						
Benzene	105		ug/kg	100	ND	105	80-120			
Toluene	109		"	100	ND	109	80-120			
Ethylbenzene	109		"	100	ND	109	80-120			
Xylene (p/m)	213		"	200	ND	106	80-120			
Xylene (o)	97.8		"	100	ND	97.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	*96.0*		"	*100*		*96.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*102*		"	*100*		*102*	*80-120*			

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Plains All American EH & S	Project: Lea-Hendricks 10"	Fax: (432) 687-4914
1301 S. County Road 1150	Project Number: 2005-00150	**Reported:**
Midland TX, 79706-4476	Project Manager: Daniel Bryant	07/21/05 10:07

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG51903 - EPA 5030C (GC)										
Matrix Spike Dup (EG51903-MSD1)	**Source: 5G15015-06**			Prepared: 07/18/05 Analyzed: 07/19/05						
Benzene	86.0		ug/kg	100	ND	86.0	80-120	19.9	20	
Toluene	90.9		"	100	ND	90.9	80-120	18.1	20	
Ethylbenzene	100		"	100	ND	100	80-120	8.61	20	
Xylene (p/m)	198		"	200	ND	99.0	80-120	6.83	20	
Xylene (o)	97.5		"	100	ND	97.5	80-120	0.307	20	
Surrogate: a,a,a-Trifluorotoluene	*83.4*		"	*100*		*83.4*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*100*		"	*100*		*100*	*80-120*			

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Plains All American EH & S	Project: Lea-Hendricks 10"	Fax: (432) 687-4914
1301 S. County Road 1150	Project Number: 2005-00150	**Reported:**
Midland TX, 79706-4476	Project Manager: Daniel Bryant	07/21/05 10:07

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG51807 - General Preparation (Prep)										
Blank (EG51807-BLK1)				Prepared: 07/15/05 Analyzed: 07/18/05						
% Moisture	ND	0.1	%							
Duplicate (EG51807-DUP1)		**Source: 5G15002-01**		Prepared: 07/15/05 Analyzed: 07/18/05						
% Moisture	18.9	0.1	%		17.2			9.42	20	

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Plains All American EH & S	Project: Lea-Hendricks 10"	Fax: (432) 687-4914
1301 S. County Road 1150	Project Number: 2005-00150	**Reported:**
Midland TX, 79706-4476	Project Manager: Daniel Bryant	07/21/05 10:07

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 7/21/2005

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa Texas 79763
Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Daniel Bryant
Company Name: Plains Pipeline, L.P.
Company Address: 3705 East Highway 158
City/State/Zip: MIDLAND, TX 79706
Telephone No: 432.686.1769
Sampler Signature: EPI - Environmental Consultant

Project Name: Lea-Hendricks 10"
Project #: 2005-00150
Project Loc: UL-E Section 9 T23S R37E Lea Co NM
PO#: 2005-00150

Lab ID	SAMPLE IDENTIFICATION	Date Sampled	Time Sampled	No. of Containers	Preservative: ICE	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Type: Water	Sludge	Soil	Other (Specify)	Analyze For: TDS/Cl/SAR/EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals *	Volatiles *	Semivolatiles *	BTEX 8021B/5030	Reactivity	Corrosivity	Ignitiability	Chlorides	Sulfates		RUSH TAT	Standard TAT
	PLH1071405BH-15	7/14/05	12:45	1	X									X					X				X								X
	PLH1071405BH-18	7/14/05	1:40	1	X									X					X				X								X
	PLH1071505NW-Comp	7/15/05	8:20	1	X									X					X				X								X
	PLH1071505SW-Comp	7/15/05	8:30	1	X									X					X				X								X
	PLH1071505WW-Comp	7/15/05	8:15	1	X									X					X				X								X
	PLH1071505EW-Comp	7/15/05	8:25	1	X									X					X				X								X

Special Instructions
FAX RESULTS TO Pat McCasland ASAP [505-394-2601]

Sample Containers Intact? (Y) N
Temperature Upon Request 0.0
Laboratory Comments: 4oz jars labels/no seals

Relinquished:	Date	Time	Received by:	Date	Time
	7.15.05	10.30	Jaron Boone	7/15/05	10.30
Relinquished: Jaron Boone	7-15-05	2:40	Received by: Laura Kelly	7/15/05	2:40

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Plains AA

Date/Time: 7/15/05 2:40

Order #: 5G15015

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	0.0 C
Shipping container/cooler in good condition?	Yes	No	none
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	Yes	No	Not present
Chain of custody present?	Yes	No	
Sample Instructions complete on Chain of Custody?	Yes	No	
Chain of Custody signed when relinquished and received?	Yes	No	
Chain of custody agrees with sample label(s)	Yes	No	
Container labels legible and intact?	Yes	No	
Sample Matrix and properties same as on chain of custody?	Yes	No	
Samples in proper container/bottle?	Yes	No	
Samples properly preserved?	Yes	No	
Sample bottles intact?	Yes	No	
Preservations documented on Chain of Custody?	Yes	No	
Containers documented on Chain of Custody?	Yes	No	
Sufficient sample amount for indicated test?	Yes	No	
All samples received within sufficient hold time?	Yes	No	
VOC samples have zero headspace?	Yes	No	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

Contact Person: _____ Date/Time: _____ Contacted by: _____

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

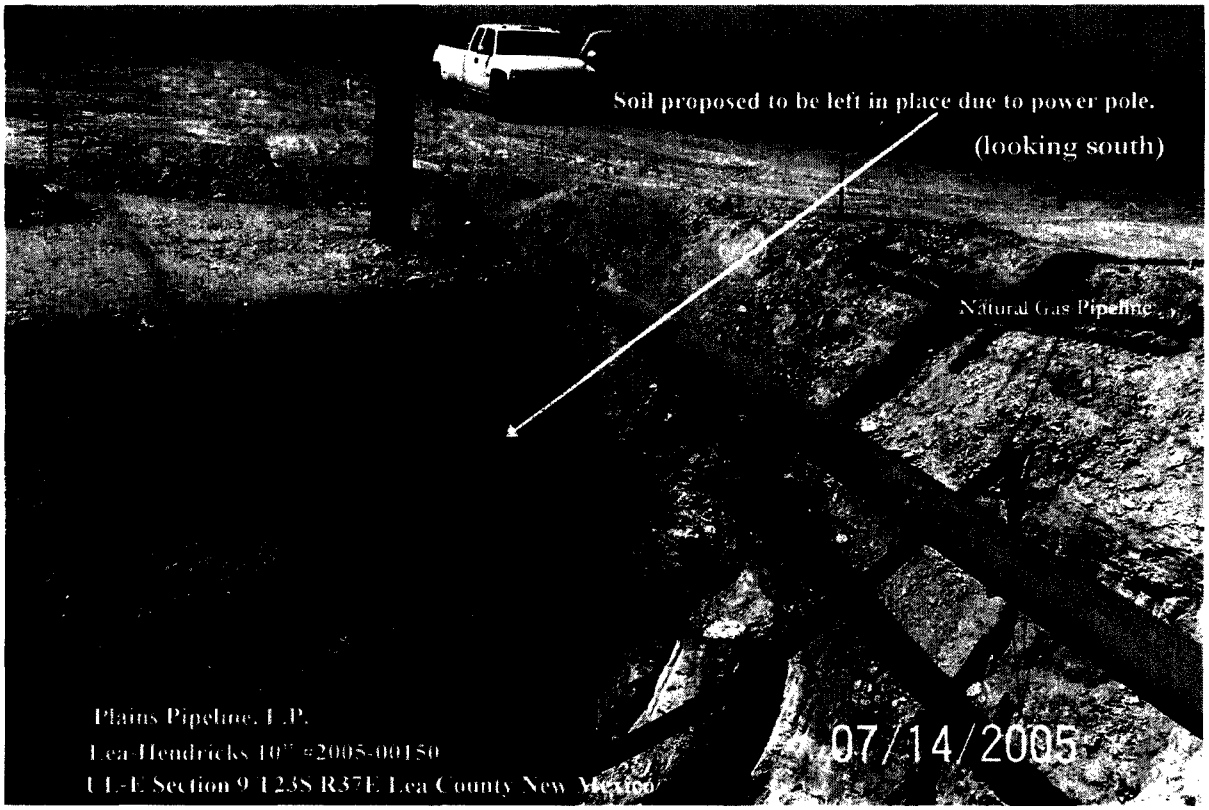
_____

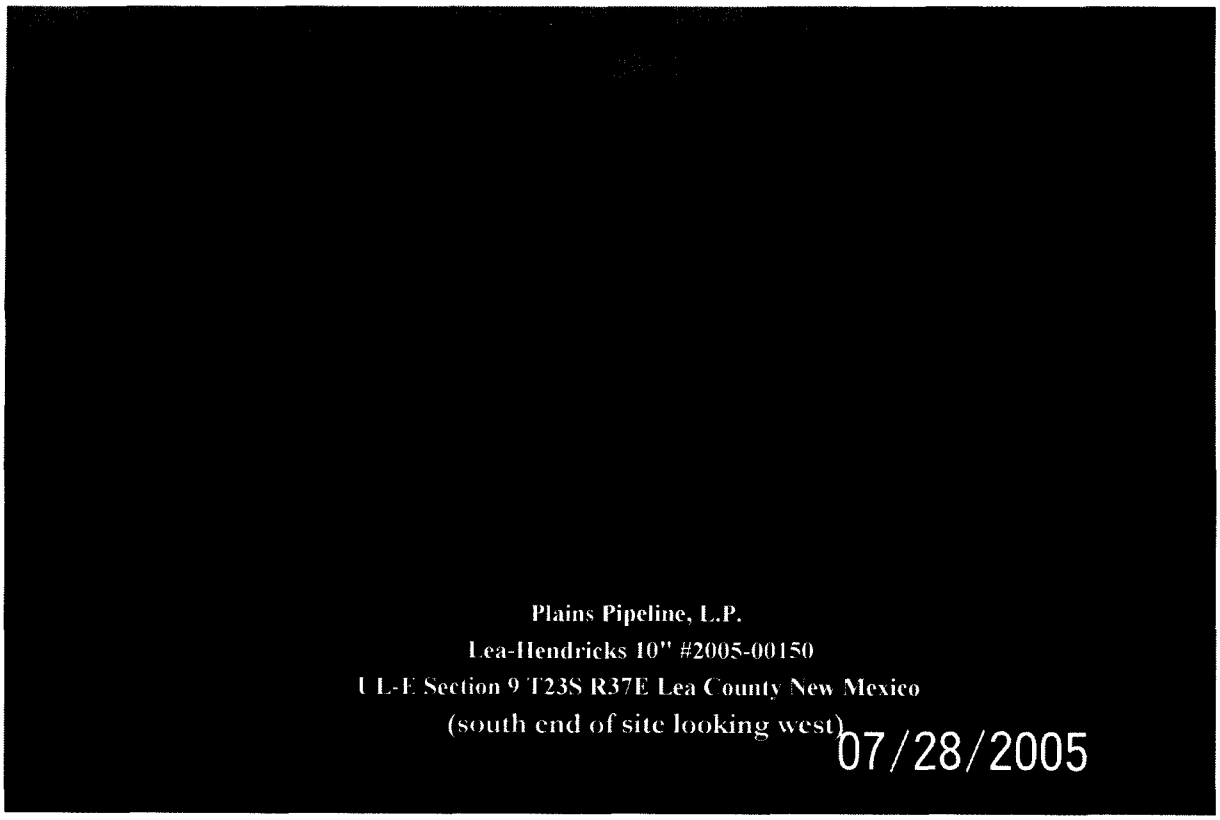
_____

_____

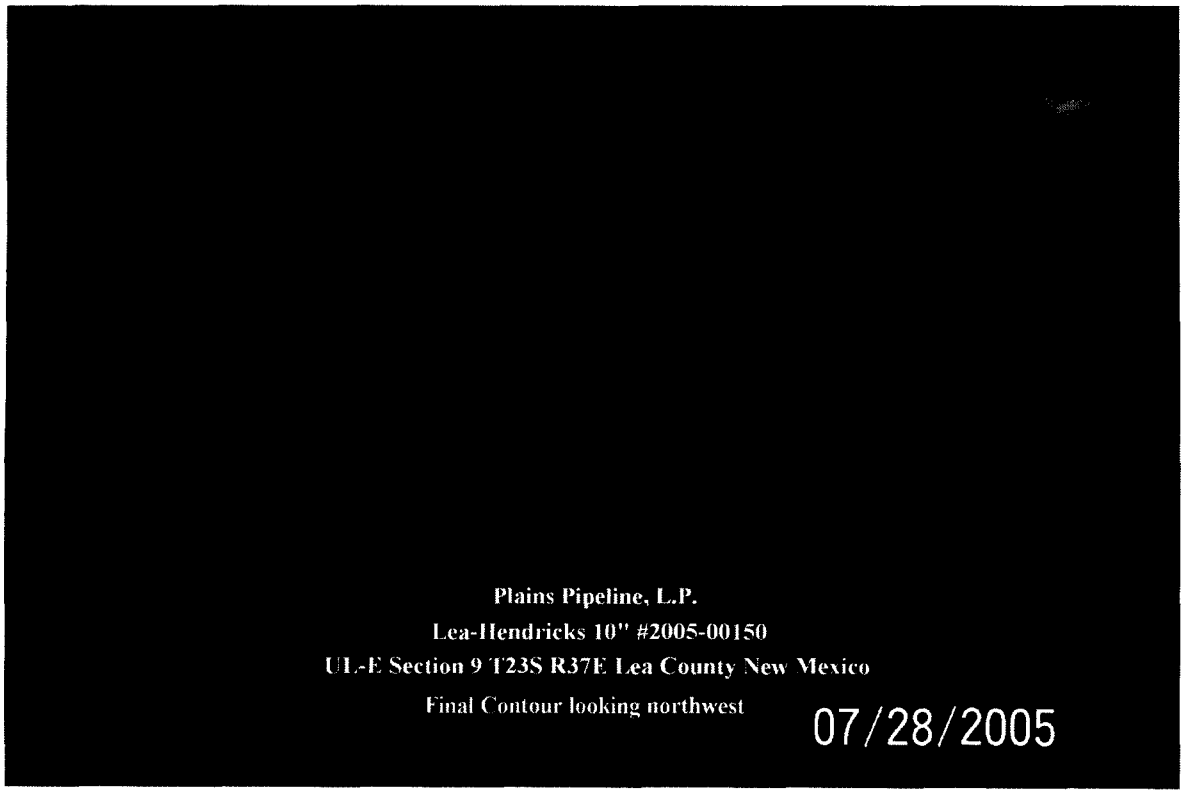
_____

APPENDIX B – PHOTOGRAPHIC DOCUMENTATION


Soil proposed to be left in place due to power pole.
(looking south)
Natural Gas Pipeline
Plains Pipeline, L.P.
Lea-Hendricks 10" #2005-00150
U L-E Section 9 T23S R37E Lea County New Mexico
07/14/2005


Plains Pipeline, L.P.
Lea-Hendricks 10" #2005-00150
U L-E Section 9 T23S R37E Lea County New Mexico
(south end of site looking west)
07/28/2005


Plains Pipeline, L.P.
Lea-Hendricks 10" #2005-00150
UL-E Section 9 T23S R37E Lea County New Mexico
Final Contour looking northwest
07/28/2005


Plains Pipeline, L.P.
Lea-Hendricks 10" #2005-00150
UL-E Section 9 T23S R37E Lea County New Mexico
Final Contour looking northwest
07/28/2005

APPENDIX C - SITE INFORMATION AND METRICS FORM AND FINAL C-141

PLAINS ALL AMERICAN

Site Information and Metrics

Incident Date: 6/24/2005 @ 7:55:00 AM	NMOCD Notified: Larry Johnson by

SITE: **Lea-Hendricks 10"**	Assigned Site Reference #: **2005-00150**
Company: Plains Pipeline, L.P.	
Street Address: PO Box 3119	Notified Date/Time:
Mailing Address: 3705 East Highway 158	Notified by:
City, State, Zip: Midland, Texas 79702	Person Notified:
Representative: Daniel Bryant	NRC Report# :
Representative Telephone: 432.686.1769	
Telephone:	
Fluid volume released (bbls): 4	Recovered (bbls): 2

>25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days. (Also applies to unauthorized releases >500 mcf Natural Gas)

5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)

Leak, Spill, or Pit (LSP) Name: Lea-Hendricks 10"
Source of contamination: 10-inch Steel pipeline
Land Owner, i.e., BLM, ST, Fee, Other: Imogene Salzman
LSP Dimensions 15' x 15'
LSP Area: 225 sqft
Location of Reference Point (RP)
Location distance and direction from RP
Latitude: 32° 19' 17.416"N
Longitude: 103° 10' 33.311"W
Elevation above mean sea level: 3,320'amsl
Feet from South Section Line
Feet from West Section Line
Location- Unit or ¼¼: SW¼ of the NW¼ Unit Letter: E
Location- Section: 9
Location- Township: T23S
Location- Range: R37E
Surface water body within 1000 ' radius of site: none
Domestic water wells within 1000' radius of site: none
Agricultural water wells within 1000' radius of site: none
Public water supply wells within 1000' radius of site: none
Depth from land surface to groundwater (DG) ~92'bgs
Depth of contamination (DC) – 15-feet
Depth to groundwater (DG – DC = DtGW) - 77-feet

1. Groundwater	2. Wellhead Protection Area	3. Distance to Surface Water Body
If Depth to GW <50 feet: *20 points*	If <1000' from water source, or;<200' from private domestic water source: *20 points*	<200 horizontal feet: *20 points*
If Depth to GW 50 to 99 feet: *10 points*		200-100 horizontal feet: *10 points*
If Depth to GW >100 feet: *0 points*	If >1000' from water source, or; >200' from private domestic water source: *0 points*	>1000 horizontal feet: *0 points*
Groundwater Score = 10	*Wellhead Protection Area Score=0*	*Surface Water Score= 0*
Site Rank (1+2+3) = 10		

Total Site Ranking Score and Acceptable Concentrations

Parameter	>19 (42 to 92'bgs)	10-19 (surface to 42'bgs)	0-9
Benzene[1]	**10 ppm**	**10 ppm**	10 ppm
BTEX[1]	**50 ppm**	**50 ppm**	50 ppm
TPH	**100 ppm**	**1,000 ppm**	5000 ppm

[1]100 ppm field VOC headspace measurement may be substituted for lab analysis

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Rec'd 2-00-07

Form C-141
Revised October 10, 2004

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: **Plains Pipeline, L.P.**	Contact: **Daniel Bryant**
Address: **PO Box 3119, 3705 East Highway 158 Midland, Texas 79702**	Telephone No. **432.686.1769**
Facility Name **Lea-Hendricks 10" #2005-00150**	Facility Type **10-inch Steel pipeline**
Surface Owner: **Imogene Salzman**	Mineral Owner / Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County: Lea
E	**9**	**T23S**	**R37E**					

Latitude: 32° 19' 17.416"N **Longitude:** 103° 10' 33.311"W

NATURE OF RELEASE

Type of Release **Crude Oil**	Volume of Release **4 barrels**	Volume Recovered **2 barrels**
Source of Release **10-inch Steel pipeline**	Date and Hour of Occurrence **6/24/2005 @ 7:55:00 AM**	Date and Hour of Discovery **6/24/2005 @ 8:00:00 AM**
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom? **Larry Johnson**	
By Whom? Daniel Bryant	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.: **NA**	

If a Watercourse was Impacted, Describe Fully.*
NA

Describe Cause of Problem and Remedial Action Taken.* ***10-inch Steel pipeline*** **External corrosion in a weld; the line was depressured and a repair clamp installed; standing fluids were reintroduced to the pipeline. 470 cy of impacted soil were disposed of in the Plains Lea Station Landfarm, the excavation backfilled and the surface contoured with topsoil.**

Describe Area Affected and Cleanup Action Taken.* Area= ***225 sqft (15' x 15'): Soil impacted above the NMOCD remedial goals was disposed of in the Plains Lea Station Landfarm and the excavation backfilled with clean soil. Remedial Goals: TPH 8015m = 1,000 mg/Kg, Benzene = 10 mg/Kg, and BTEX, i.e., the mass sum of Benzene, Ethyl Benzene, Toluene, and Xylenes = 50 mg/Kg.***

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Camille Reynolds for Daniel Bryant

Printed Name: Daniel Bryant

E-mail Address: DMBryant@PAALP.com

Title: Environmental Specialist

Date: 2.8.07 Phone: 432.686.1769

OIL CONSERVATION DIVISION

Approved by District Supervisor: ENVIRONMENTAL ENGR

Approval Date: 5.11.07 Expiration Date: —

Conditions of Approval: — Attached ☐

Attach Additional Sheets If Necessary